

NOTIFICATION.

(LAW DEPARTMENT).

No. LAW 91 LCR 65, dated Bangalore, the 12th April 1965.

Ordered that the accompanying Notification No. G. S. R 231, dated 13th February 1965 of the Ministry of Works and Housing *re*: further amending the Indian Boiler Regulations, 1950, under the Indian Boilers Act, 1923 (5 of 1923, which has been published in the *Gazette of India*, Part II, Section 3, sub-section (i), dated the 13th February 1965, be republished in the *Mysore Gazette*, for general information.

By Order and in the name of the Governor of Mysore,

H. K. ANANTHASURBA RAO,
Under Secy. to Govt., L. D.

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GOVERNMENT OF INDIA.

MINISTRY OF WORKS AND HOUSING

(Central Boilers Board)

New Delhi, the 13th February, 1965.

G.S.R. 231.—In exercise of the powers conferred by section 23 of the Indian Boilers Act, 1923 (5 of 1923), the Central Boilers Board hereby makes the following Regulations further to amend the Indian Boiler Regulations 1950, the same having been previously published as required by sub-section (1) of section 31 of the said Act, namely:—

1. These Regulations may be called the Indian Boiler (fifth Amendment) Regulations, 1965.

2. In the Indian Boiler Regulations, 1950, in Regulation 290—

(i) for the first sentence in the second paragraph of clause (b), the following sentence shall be substituted, namely:—

"The working pressure of the chests shall be determined by equation 91 or 91A, whichever is applicable, where the term '2.8' shall be substituted by the term '1.8 S'."

(ii) for clause (c), the following clauses shall be substituted, namely :—

“(c) The working pressure and the thickness of the chests shall be determined by the following formulae, subject to the minimum thickness as specified in regulation 283 (b).

$$\frac{WP = S \times (t - c)}{4.5 \times D} \dots\dots \text{Eqn. (76).}$$

$$t = \frac{5 \times WP \times D + C}{S} \dots\dots \text{Eqn (77)}$$

Where S is the specified minimum tensile strength for the grade of material,

D is the external diameter of the chest,

t is the minimum thickness of the chest, excluding tolerance and

C is the minimum positive tolerance as specified hereunder :—

For bronze chests—C=1.5 mm or 0.06 in

For Cast iron chests—C=5 mm or 0.20 in

For Cast steel chest—C=5 mm or 0.20 in

(d) For chests made of cast steel, for service temperatures exceeding 290°C (554°F), the working pressure as calculated by equation 76, shall be multiplied by a factor as given below :—

315°C (600°F) 0.90

345°C (653°F) 0.80

375°C (707°F) 0.75

405°C (761°F) 0.71

435°C (815°F) 0.66

454°C (850°F) 0.63

Intermediate values may be interpolated.

[No. BL-9/14/68-S&PII.]

K. B. SAXENA, Secy.